
Product Data Sheet

Product Name: HLF Human
 Cat. No.: GP23654
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Hepatic leukemia factor; HLF.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEKMSRPLPL NPTFIPPPYG VLRSLLLENPL KLPLHHEDAF SKDKDKEKKL DDESNSPTVP QSAFLGPTLW DKTLPYDGDT FQLEYMDLEE FLENGIPPS PSQHDHSPHP PGLQPASSAA PSVMDLSSRA SAPLHPGIPS PNCMQSPIRP GQLLPANRNT PSPIDPDTIQ VPVGYEPDPA DLALSSIPGQ EMFDPRKRKF SEEELKPQPM IKKARKVFIP DDLKDDKYWA RRRKNMAAK RSRDARRLKE NQAIIRASFL EKENSALRQE VADLRKELGK CKNILAKYEA RHGPL.		
Formulation	HLF protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.2M NaCl and 0.1mM PMSF.		

Introduction

Hepatic leukemia factor (HLF) is a member of the bZIP family and the PAR (proline and acidic-rich) subfamily of transcription regulatory proteins. HLF binds DNA specifically as a homodimer or heterodimer with other PAR factors. HLF is highly expressed in the liver, with lower levels in the lung and kidney and functions as an effective trans-activator.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

HLF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-295 a.a.) and having a molecular mass of 35.3kDa. HLF is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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